

Special Issue

Urban Environments Modeling using Very-High-Resolution Imagery and Crowdsourced Geospatial Data

Message from the Guest Editors

Very high resolution (VHR) remote sensing imagery and crowdsourced geospatial data provide innovative means for monitoring and modeling urban environments. The launches of commercial satellites with very high spatial resolution (VHR) sensors (e.g. IKONOS, QuickBird, Worldview and Gaofen), as well as unmanned aerial vehicles (VAVs) with VHR aerial photos and LiDAR data, bring a nonparallel opportunity for analyzing physical elements in urban environments. Moreover, crowdsourced geospatial data (e.g., OpenStreetMap, Point of Interest, and social media) bring new approaches to observe human-related characteristics of urban environments. Contrary to the availability of VHR (e.g. spatial, spectral, temporal, angle) imagery and crowdsourced geospatial data, the developments of state-of-the-art analytical techniques and novel applications in urban environments are still limited. It is highly necessary to develop innovative technologies and applications for creating a sustainable urban environment. This special issue calls for innovative techniques and novel applications for analyzing urban environments using VHR remote sensing imagery and crowdsourced geospatial data.

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Message from the Editor-in-Chief

Remote Sensing is now a prominent international journal of repute in the world of remote sensing and spatial sciences, as a pioneer and pathfinder in open access format. It has highly accomplished global remote sensing scientists on the editorial board and a dedicated team of associate editors. The journal emphasizes quality and novelty and has a rigorous peer-review process. It is now one of the top remote sensing journals with a significant Impact Factor, and a goal to become the best journal in remote sensing in the coming years. I strongly recommend *Remote Sensing* for your best research publications for a fast dissemination of your research.

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